

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pRL277

RRID:Addgene_70255

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/70255>

Proper Citation: RRID:Addgene_70255

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:2160938](#)

Vector Backbone Description: Backbone Size:6798; Vector Backbone:see comments; Vector Types:Conditionally lethal; Bacterial Resistance:Streptomycin

Comments: sacB was derived from pUM24 (Ried, J. L., and A. Colimer Gene 57:239-246, 1987) and from pUCD800 (Gay, et al. 1985 J. Bacteriol. 164:918-921). The streptomycin/spectinomycin determinant in pRL277 was derived from the omega cassette (Prentki, et al. Gene 103: 17-23 1991). Additional Reference for this plasmid: Black TA, Cai Y, Wolk CP (1993) Spatial expression and autoregulation of hetR, a gene involved in the control of heterocyst development in Anabaena. Mol Microbiol 9: 77-84. Publisher's correction (1993): Mol Microbiol 10: 1153

Plasmid Name: pRL277

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260808T082046+0000

Ratings and Alerts

No rating or validation information has been found for pRL277.

No alerts have been found for pRL277.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.